

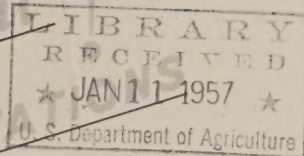
Ed. F. Mangelsdorf & Bro., Inc.

Wholesale Grass and Field Seeds



P. O. BOX 327
Saint Louis 3, Mo.

Important
MARKET QUOTATIONS



BULK RATE

U.S. POSTAGE

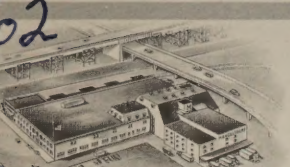
PAID

PERMIT 59

Library - U.S. Dept. of Agriculture
Washington 25, D. C.

POSTMASTER! PROMPT DELIVERY REQUESTED.
PRICES OBSOLETE IF DELIVERY DELAYED.

FORM 3547 REQUESTED



MISSOURI SEED PERMIT
NO. 12

Embroidery SEED CO.


WHOLESALE FARM AND LAWN SEEDS

P. O. BOX 327 **ST. LOUIS 3, MO.** MAIN 1-5275 L. D.
ATCHISON, KANS. PEORIA, ILL. MAIN 1-0500 LOCAL
PHONE 57 PHONE 4-5511 SIKESTON, MO. PHONE 2518

ST. LOUIS PLANT, 1020 SO. 4TH ST.
ATCHISON, KANS. PLANT, 11TH & MAIN

WE WARRANT ONLY TO THE EXTENT OF THE PURCHASE PRICE THAT SEEDS SOLD ARE AS DESCRIBED, WITHIN RECOGNIZED TOLERANCES. WE GIVE NO FURTHER WARRANTY, EXPRESS OR IMPLIED. IF THE PURCHASER DOES NOT ACCEPT THE GOODS ON THESE TERMS, HE MUST NOTIFY US AT ONCE, AND WE WILL GIVE INSTRUCTIONS FOR DISPOSITION OF GOODS. ED. F. MANGELSDORF & BRO., INC.

TODAY'S PRICES, F.O.B. ST. LOUIS, FOR PROMPT SHIPMENT, SUBJECT TO MARKET CHANGES. NO EXTRA CHARGE FOR BAGS. PRICES ARE FOR FULL BAGS. BROKEN BAGS SUBJECT TO FLAT CHARGE OF 50¢ EACH TO COVER COST OF EXTRA LABOR AND ADDITIONAL BAG. PARCEL POST ORDERS 50¢ EACH EXTRA PLUS POSTAGE.



ILLINOIS SEED PERMIT
NO. 92

List No. 672 M BRAND SEEDS WHOLESALE PRICE LIST SINCE 1919 January 2, 1957

ALFALFA U. S. Verified Origin—

Packed in Bushel (60-lb.) Bags	Per 100 Lbs.
Kansas M Brand	\$35.00
Colorado	35.00
Approved Oklahoma	35.00
Oklahoma Common	34.00
Southwestern, Non-Hardy	32.00
Dakota	44.00
Utah Grimm	40.00
Buffalo, Uncertified	37.00

We recommend lower-cost hardy Central Origin Alfalfa for two or three year plantings. Comparative experiment station tests in the Midwest show these hardy Central Origins—Kansas, Colorado, Oklahoma, Utah—have performed very well for a two, or three year period.

Certified Alfalfa Blue-tag

Ranger	\$45.00
Buffalo	44.00
Atlantic	46.00
Lahontan	See Below
Du Puits (winter-hardy, quick-growing)	57.00
Vernal	Ask

Registered Buffalo 46.00
Registered Ranger 47.00
(For Production of Certified Seed)

★ **LAHONTAN ALFALFA** ★
Certified Blue Tag. Our stocks are ready Now. Ask for prices.

Lahontan Alfalfa is a new synthetic variety, practically immune to stem nematode, highly resistant to the spotted alfalfa aphid, and is wilt resistant. Yields are equal to Ranger where the above are not factors in production, and Lahontan yields much more than Ranger where they are factors. Supplies are limited, since this is first year seed has been made available commercially. (Based on information from Western College Experiment Stations.)

BE SURE TO BUY ONLY U. S. VERIFIED ORIGIN ALFALFA. LOOK FOR THE SEALED, VERIFIED TAG ON EACH BAG.
☞ Include Inoculation.

SWEET CLOVER Per 100 Lbs.

Bushel (60-lb.) Bags	
Yellow Blossom M Brand	\$16.00
Mixed White & Yellow	16.50
Mainly White	18.50
Unhulled, biennial	13.00

MADRID, more growth than regular biennial yellow, hardier 17.00
Hubam, Annual White M Brand 15.00
☞ Include Inoculation

RED CLOVER

Bushel (60-lb.) Bags	
Good Stocks, New Crop, High Purity, Completely refined to comply with your state seed law.	
Medium, M Brand, Ask	
Lot "DAN" 97.50/85 For	
Mammoth, M Brand Prices	
KENLAND, Certified Blue-tag	

☞ Include Inoculation.

ALSIKE CLOVER Per 100 Lbs.

Bushel (60-lb.) Bags	
M Brand, High Color, 99/90	\$43.00
Lot "SAM" 95/85	39.50

☞ Include Inoculation.

LESPEDEZA Per 100 Lbs.

100-lb. Bags	
Korean M Brand	\$12.50
Hulled Korean, M Brand	14.25
19604, early maturity, Hulled	17.00
Iowa 6.	17.50
Climax, Certified, Late maturity	16.00
Climax, Uncertified M Brand	14.50
Kobe,	Ask
Sericea, Unhulled	17.00
"Scarified"	19.00

For critical trade, we carry in stock Hulled and Scarified varieties of Lespedeza.

LADINO CLOVER

	Certified Blue-tag	Uncertified
50 lb. bags	\$62.00	\$59.00
25 lb. bags	63.00	60.00
10 lb. bags	65.00	62.00

Ton Lots — Ask for Attractive Price.
☞ Include Inoculation.

WHITE DUTCH CLOVER

100-lb. Bags	Per 100 Lbs.
(State preference)	100 Lbs. 25 to Smaller
Idaho 98/90	\$85.00 \$87.00 \$91.00
Louisiana 96.50/90	80.00 82.00 86.00
Fancy 94/90	75.00 77.00 81.00

BIRDSFOOT TREFOIL

Broadleaf	Per 100 Lbs.
Imported Broadleaf M Brand	\$95.00

100-lb. bags, reprocessed by us.
Domestic "Empire" N. Y. Strain
Certified (50 lb. bags) 165.00
Non-Certified (50 lb. bags) limited 155.00
Smaller amounts 5c lb. higher.

IMPORTANT: Agronomists recommend using three times the normal amount of Special Trefoil inoculation for best results. Using skim milk instead of water makes the humus inoculator stick better to the seed.

CRIMSON CLOVER Per 100 Lbs.

M Brand (100-lb. Bags.)	\$31.00
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VETCH 100-lb. Bags Per 100 Lbs.
Hairy Winter Vetch — Domestic \$14.50

TIMOTHY 100-lb. Bags Per 100 Lbs.

M Brand 99.50% Purity	\$23.00
Fancy 98.50% "	21.50

At 8 lbs. per acre, acre cost is low for this excellent, long-lived, meadow grass.

REDTOP 100-lb. Bags Per 100 Lbs.

M Brand 92/90	\$53.00
Fancy 85/85	49.00

BROME GRASS Per 100 Lbs.

50-lb. Lined Bags	
Southern Strain, M Brand	\$44.00

ORCHARD GRASS Per 100 Lbs.

50-lb. Bags	Clear tag for
M Brand 85/85	Mo. and Ill.

\$35.00

TALL FESCUES Per 100 Lbs.

50-lb. Bags	
KY. 31, M Brand, 98/85	\$17.50
" " Lot "BEN", 96/80	16.00
ALTA FESCUE, M Brand 98/85	17.50
CERTIFIED KY. 31 FESCUE	23.00
" ALTA FESCUE	23.00

(Order by grade, or lot name)

Lot "CAPE" MIXED FESCUE

Special lot—Special Price
Excellent for Pasture

56% Meadow Fescue
41% Ky. 31 Fescue
97% total Fescue, germ. 90%
Price \$14.50 per 100# in 100-lb bags.
High quality.

MEADOW FESCUE Per 100 Lbs.

100-lb. Bags	
(English Blue Grass)	
M Brand 97/85	\$19.50

PASTURE MIXTURE Per 100 Lbs.

100-lb. Bags	
M Brand (Spring Planting)	\$23.00

Spring Pasture Mixture contains Ky. 31 and Meadow Fescue, Lespedeza, Timothy, Orchard Grass, Red-top, Rye Grass, Ladino and Alsike Clover; only highest quality seed in this Mixture.

REED CANARY GRASS Per 100 Lbs.

100-lb. Bags	
M Brand 98/60	\$59.00

Small amounts 5c per lb. higher.

RAPE SEED Per 100 Lbs.

100-lb. Bags	
Dwarf Essex, M Brand,	\$12.50

CLIPPER MILLS (DEALER)

M-2B, with traveling brushes, sacking elevator, 8 screens	\$192.30
M-2B, with sacking elevator, 8 screens, without brushes	156.55
No. 27 Mill, with sacking elevator, brushes, constant feed hopper, 6 screens & motor platform	417.00
No. 27 Mill, same as above with roll-feed hopper	457.00
1/2 H.P. Motor & drive for M-2B Mill	35.00

Above all F.O.B. St. Louis

1 H.P. Motor & drive for No. 27 Mill	120.00
Extra Screens for M-2B Mill	4.50
Extra Screens for No. 27 Mill	9.80

Above all F.O.B. Factory

Ask for prices on the new Slurry Treater attachment for both the M-2B Mill and the No. 27 Mill.

M BRAND INOCULATION

Humus Culture for Legumes

Combination Culture — For	Size	Dealer Price	Retail Price
Alfalfa, and all Clovers	1-bu.	\$0.37	\$0.60
Ladino Clover — Special Size for 10 lb. Seed — 12 per Carton	2 1/2-bu.	.68	1.10
Group 3—Lespedeza	100-lb.	.37	.60
Group 4—Vetches, Austrian Peas, Garden & Canning Peas	100-lb.	.35	.55
Birdsfoot Trefoil (Bu. Size)		.45	.75
Special Inoculation (Pkg. for 10 lb. Packed 12 in Carton)		.15	.25
Group 5—Cowpeas	2-bu.	.28	.45
Group 6—Soybeans	25-bu.	1.75	2.75
	30-bu.	2.40	3.80

The 30-bu. size may be sold as one unit, or as 6 separate 5-bu. pkgs.

BINDER AND BALER TWINE

Baler Twine (2/20-lb. balls)	Per Bale \$7.25
Binder " (6/8-lb. balls)	8.65

(Ask for quantity prices.)
All twine treated with insect and rodent repellent and for protection from mildew and rot.

LAWN MIXTURES Per 100 Lbs.

100-lb. Bags	
Lawn Mixture, M Brand	\$69.00
Shady Spot Mixture, M Brand	64.00

M BRAND LAWN MIXTURE: Main ingredient is Kentucky Bluegrass, finest of turf grasses. Also contains other lasting, fine-bladed grasses, and genuine White Clover. Does not contain Ryegrass. Designed to give beauty and permanence.

Greenvue (Quick-Growing Mixture) \$41.00
Fast cover for lawns

☞ All the above also packed in 5-lb. attractive cartons @ \$4.00 per 100 lbs. higher, 3-lb. cartons \$5.00 per 100 lbs. higher.

Johnny & Jane Mixture 19.50
Economy mixture for lawns where children play.

Ask for M-Brand "Lawn Guide" bulletin, describing seeding and care of lawn. Also contains description of grasses used for lawns.

KY. BLUE GRASS Per 100 Lbs.

100-lb. Bags	
M Brand 85% Purity or 21 lb.	\$75.00
Fancy 80% " or 19 lb.	72.00
Super 90% " or 24 lb.	82.00
CANADA BLUE GRASS, Fancy	\$68.00
MERION - Bag Lots	\$225.00

(Small Amounts—\$2.35 to \$2.40 lb.)

ARBORETUM T. M. ® Dealer Suggested
Strain of Kentucky Blue Grass Per Price Retail
lb. \$1.30 \$2.00

FANCY FESCUES Per 100 Lbs.

100-lb. Bags	
Creeping Red Fescue, M Brand	\$52.00
Chewings Fescue, M Brand	50.00

Small amounts 5c lb. higher.

POA TRIVIALIS Per 100 Lbs.

100-lb. Bags	Shade Grass for Lawns.
M Brand, (re-cleaned by us)	\$50.00

Small amounts 5c lb. higher.

RYE GRASS 100-lb. Bags Per 100 Lbs.

M Brand Domestic	\$ 8.50
Perennial Blue Tag, Certified	13.00

BENT GRASS 100-lb. Bags Per 100 Lbs.

Less Than 100 Lbs. Add 1c Per Lb.	
" " 50 " " 2c " "	
" " 10 " " 5c " "	

Highland, Uncert. 98/85 \$57.00
" Blue Tag Certified 59.50
Seaside, Blue Tag Certified 190.00

BERMUDA GRASS Per 100 Lbs.

100-lb. Bags	
M Brand Unhulled	@ \$28.00
" Hulled	@ 42.00

Smaller amounts 5c higher.

CRESTED WHEAT GRASS

100-lb. bags	Per 100 Lbs.
M Brand	\$55.00

FERTILIZERS

VERTAGREEN			VIGORO		
Whole-sale	Retail	Size	Whole-sale	Retail	
\$3.35	\$4.85	100-lb.			
1.75	2.55	50-lb.	\$1.89	\$2.65	
1.12	1.70	25-lb.	1.19	1.75	
.63	.95	10-lb.	.67	.99	
.34	.55	5-lb.	.36	.60	
		10-lb. size— 6 per bale			
		5-lb. " —12 "			

(5 lb. and 10 lb. size sold in Full Bales only)

GOLDEN VIGORO—50 lb. \$2.81 \$3.95
" —25-lb. 1.77 2.60

Dealer BE SURE TO SEE OTHER SIDE FOR HYBRID CORN AND OTHER PRICES.

ORDER CARD

REQUIRES NO POSTAGE DATE _____

SHIP US VIA _____


WE WILL CALL FOR ☐ AVOID EXTRA CHARGE BY ORDERING FULL BAGS.

QUANTITY	QUALITY	KIND OF SEED

AVOID EXTRA CHARGE BY ORDERING FULL BAGS.

TERMS: NET CASH, NO DISCOUNT, SUBJECT TO DEMAND DRAFT.

DEALER: TELL US WHAT FARM SEEDS YOU HAVE TO OFFER-EMBRO



NAME _____

ADDRESS _____

SELECTED FIELD SEED

St. Louis



Embro HYBRID SEED CORN



DEALERS' PRICES — Varieties subject to prior sale.

Descriptive catalogues (for distribution) — on request.

Prices per bushel, in bushel bags. Prices f.o.b. St. Louis, Atchison, or warehouse point nearest to you.

(Established retail prices for EMBRO HYBRIDS: \$1.85 bu. higher than shown here)

	Large Flat	Regular Flat	Medium Flat	Large Round	Regular Round
EMBRO 95 (Early)	\$9.35	\$9.35	\$8.85	\$5.35	\$6.35
EMBRO 36 (Medium)	9.35	9.35	8.85	5.35	6.35
EMBRO 49 (Medium Late)	9.35	9.35	8.85	5.35	6.35
EMBRO 49B (Medium Late)	9.35	9.35	8.85	5.35	6.35
EMBRO 101 (Late)	9.35	None	None	5.35	6.35
EMBRO 101A (Late)	9.35	9.35	None	5.35	6.35
EMBRO 155 White	9.85	9.85	9.35	5.85	6.85
U. S. 13	6.50	6.50	6.00	3.75	4.50
MISSOURI 8	6.50	6.50	6.00	3.75	4.50
ILLINOIS 200	6.50	6.50	6.00	3.75	4.50
KENTUCKY 103	6.50	6.50	6.00	3.75	4.50
KANSAS 1639	6.50	6.50	6.00	3.75	4.50
MISSOURI 843	6.50	6.50	6.00	3.75	4.50

Quantity discounts (based on net sales for season):

1 to 199 bushels —	None
200 to 499 bushels —	25¢ bu.
500 to 1,499 bushels —	50¢ bu.
1,500 to 2,499 bushels —	75¢ bu.

SEED DISINFECTANTS

CERESAN "M" — for all Grains, Millet, Cotton. Use dust or slurry method.

Size	Wholesale	Retail	Pkgs. per case
14-oz.	\$12.65 doz.	\$1.60 ea.	12
3-lb.	40.60 doz.	4.45 ea.	6
40-lb.	36.85 each	44.80 ea.	1
100-lb.	87.30	107.00 ea.	1

CERESAN M-2X (twice strength Ceresan M) — Slurry, no-dust treatment. Complete with special liquid sticking agent.

5-lb.	\$36.80 case	\$11.50 ea.	4
ARASAN — Controls rot, blight, damping off in seedlings — legumes, grasses, corn, sorghums, bulbs, vegetable seeds.			
¾-oz.	\$1.80 doz.	\$0.25 ea.	6 doz.
8-oz.	7.75 doz.	1.00 ea.	2 doz.
10-lb.	33.60 case	10.35 ea.	4 only

FUMIGANTS

CYANOGAS, A-Dust — for pest control.
CYANOGAS, G-fumigant — for mill and elevator fumigation.

(State purpose for which desired.)

Size	Wholesale	Retail	Pkgs. per case
4-oz.	\$0.30 ea.	\$0.50 ea.	1 doz.
1-lb.	0.75 ea.	1.25 ea.	4 doz.
5-lb.	2.85 ea.	4.25 ea.	20 cans
25-lb.	10.30 ea.	13.75 ea.	4 cans
100-lb.	24.80 ea.	31.00 ea.	1 can

FOOT PUMP \$11.25 wholesale,
DUSTERS — \$15.00 retail.

WEEDICIDE WEED & BRUSH KILLERS

WEEDICIDE 32 (2, 4-D) — Eliminates hand-digging. Destroys buckhorn, dandelion, sorrel, other broadleaf weeds. Dilute 1 oz. to 2 gals. water.

Size	Treats	Wholesale	Retail
8-oz.	¼ acre	\$0.60 ea.	\$1.00 ea.
1 pint	½ acre	0.90 ea.	1.50 ea.
1 qt.	1 acre	1.50 ea.	2.50 ea.

WEEDICIDE-AMINE — for most farm weeds.

1 gallon	\$3.00 ea.	\$4.30 ea.
5 gallons	14.35 ea.	20.50 ea.

BRAMBLE-WEEDICIDE. Saves costly labor in clearing land of wild growth. (For most brush & woody plants.)

1 gallon	\$4.60 ea.	\$5.75 ea.
5 gallons	22.25 ea.	27.80 ea.
30 gallons	130.20 ea.	162.75 ea.
50 gallons	214.00 ea.	267.50 ea.

BRAMBLECIDE (for heavy woody plants and stump treatment).

1 gallon	\$6.40 ea.	\$8.00 ea.
5 gallons	31.45 ea.	39.30 ea.
30 gallons	185.40 ea.	231.75 ea.
50 gallons	306.00 ea.	382.50 ea.

END-O-PEST — 3-way control of chewing & sucking insects, fungus diseases:
8-oz. Applicator gun \$0.65 ea. \$0.98 ea.
8-oz. Refills 0.50 ea. 0.75 ea.
(Each packed 24 per case.)

BUYERS

GROWERS

ED. F. MANGELSDORF & BRO., INC.

PROCESSORS

SELLERS

FARM SEEDS



LAWN SEEDS

P. O. BOX 327

Embroided SEED CO.

ST. LOUIS 3, MO.

IMPORTERS



EXPORTERS

A Happy and Prosperous Year to You

and our thanks for your patronage and favors in the past. We look forward to being of service to you through the approaching season.

Recent rains and snows give hope that needed moisture throughout the drouth areas will provide good basic conditions for early seedings of legumes and grasses.

M BRAND quality was never better and we have good supplies to start off the new season. Quality seed (High purity, High germination), costs less, because of better stands, cleaner fields and greater crop production.

This is a good time for you to stock up with seeds, to be ready for your customers. The dealer with seed *on hand* is the dealer most likely to make the sale.

January 2, 1957

ED. F. MANGELSDORF & BRO., INC.

CABLE ADDRESS
"EMBRO, ST. LOUIS"



Embro HYBRID SEED CORN



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500 to 1,499 bushels	— 50¢ bu.
1,500 to 2,499 bushels	— 75¢ bu.

SEED DISINFECTANTS

CERESAN "M" — for all Grains, Millet, Cotton. Use dust or slurry method.

Size	Wholesale	Retail	Pkgs. per case
14-oz.	\$12.65 doz.	\$1.60 ea.	12
3-lb.	40.60 doz.	4.45 ea.	6
40-lb.	36.85 each	44.80 ea.	1
100-lb.	87.30	107.00 ea.	1

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8-oz. Applicator gun	\$0.65 ea.	\$0.98 ea.
8-oz. Refills	0.50 ea.	0.75 ea.

(Each packed 24 per case.)

Postage
Will be Paid
by
Addressee

No
Postage Stamp
Necessary
if Mailed in the
United States

BUSINESS REPLY CARD

FIRST CLASS PERMIT NO. 59

ST. LOUIS, MO.

ED. F. MANGELSDORF & BRO., INC.

Embros SEED CO.

P. O. BOX 327

ST. LOUIS 3, MO.

←
DETACH
AND
MAIL
YOUR
ORDER
ON
THIS
POST
CARD
WE
PAY
THE
POSTAGE
←

SEED CHART

SEED	WEIGHT PER BU.	POUNDS PER ACRE	TIME OF SEEDING
ALFALFA	60	15-20	MARCH, MAY—AUGUST, SEPTEMBER
ALSIKE CLOVER	60	6-10	JANUARY, APRIL—AUGUST, OCTOBER
ALTA FESCUE	24	15-20	JANUARY, MARCH—AUGUST, SEPTEMBER
ATLAS SORGO (ROWS)	56	4-10	APRIL—JULY
BARLEY	48	72-96	MARCH, APRIL—SEPTEMBER
BERMUDA GRASS (LAWNS: 1 LB. 200 SQ. FT.)	40	5-10	MARCH—JUNE
BIRDSFOOT TREFOIL	60	5-8	FEBRUARY, MARCH—AUGUST, SEPTEMBER
BLUE GRASS (LAWNS: 1 LB. 200 SQ. FT.)	21	30-40	FEBRUARY, JUNE—AUGUST, OCTOBER
BROME GRASS	12	15-25	FEBRUARY, APRIL—AUGUST, OCTOBER
BUCKWHEAT	48	48-60	MAY—JULY
CANE, FODDER (ROWS)	56	5-12	MAY—JULY
CORN, FIELD	56	7-10	MAY—JULY
CLOVER, ALSIKE	60	4-8	JANUARY, APRIL—AUGUST, OCTOBER
" CRIMSON	60	15-20	JULY—OCTOBER
" LADINO	60	1-3	JANUARY, APRIL—AUGUST, SEPTEMBER
" RED	60	10-12	JANUARY, APRIL—AUGUST, NOVEMBER
" SWEET	60	15-25	JANUARY, MAY—JULY, SEPTEMBER
" SWEET (UNHULLED)	40	25-40	NOVEMBER—FEBRUARY
" WHITE (LAWNS: 1 LB. 400 SQ. FT.)	60	3-5	FEBRUARY, JUNE—AUGUST, OCTOBER
COWPEAS (DRILLED)	60	45-70	MAY—AUGUST
JOHNSON GRASS	28	20-30	APRIL—JULY
KAFFIR CORN—MILO MAIZE—HEGARI (ROWS)	56	6-12	MAY—JULY
KENTUCKY 31 FESCUE	24	15-20	JANUARY, MARCH—AUGUST, SEPTEMBER
LAWN GRASS (LAWNS: 1 LB. 200 SQ. FT.)	25	150-200	FEBRUARY, APRIL—AUGUST, OCTOBER
LESPEDEZA, KOREAN (MEASURED BU. 45 LBS.)	25	20-30	FEBRUARY—MAY
" KOREAN (HULLED)	60	10-15	FEBRUARY—MAY
" KOBE	30	30-40	FEBRUARY—APRIL
" SERICEA (SCARIFIED)	60	20-30	FEBRUARY—APRIL
MEADOW FESCUE (ENGLISH BLUE GRASS)	24	25-35	MARCH, MAY—AUGUST, SEPTEMBER
MILLET, FOXTAIL	50	40-50	MAY—JULY
" JAPANESE	35	25-40	MAY—JULY
OATS	32	50-75	MARCH—MAY
ORCHARD GRASS	14	20-25	MARCH, MAY—AUGUST, OCTOBER
PASTURE MIXTURE	25	25-35	MARCH, JUNE—AUGUST, OCTOBER
RAPE, DWARF ESSEX	56	6-10	APRIL—SEPTEMBER
REDTOP, SOLID	32	8-12	FEBRUARY, JUNE—AUGUST, OCTOBER
" UNHULLED	14	20-30	FEBRUARY, JUNE—AUGUST, OCTOBER
REED CANARY GRASS	30	8-12	FEBRUARY, APRIL—AUGUST, SEPTEMBER
RYE, WINTER	56	60-90	JULY—NOVEMBER
RYE GRASS	24	25-35	FEBRUARY, JUNE—AUGUST, OCTOBER
SOYBEANS (ROWS)	60	20-60	MAY—AUGUST
SUDAN GRASS (DRILLED)	40	30-50	APRIL—JULY
SUNFLOWER	22	3-6	MAY—JULY
TIMOTHY	45	8-12	FEBRUARY, MAY—AUGUST, NOVEMBER
VETCH, HAIRY WINTER	60	30-50	AUGUST—NOVEMBER
WHEAT	60	75-90	SEPTEMBER—OCTOBER